

Complete Listing of the Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1        1. (Currently Amended)    A set of surgical instruments for repairing a cartilage  
2        surface on a posterior surface of the patella, comprising:

3            a first instrument including a channel defining a longitudinal axis that extends from  
4        the channel to intersect an anterior surface of the patella; and

5            a second instrument that is mountable to the first instrument and that includes a  
6        surface that is configured to be placed against a posterior surface of the patella, wherein the  
7        longitudinal axis of the channel ~~is at an angle to~~ intersects the surface of the second  
8        instrument when the second instrument is mounted ~~in~~ to the first instrument.

1        2. (Currently Amended)    The set of surgical instruments of claim 1, wherein ~~the~~  
2        an angle of intersection is in a range of approximately 80° to 100°.

1        3. (Currently Amended)    The set of surgical instruments of claim 1, wherein ~~the~~  
2        an angle of intersection is approximately 90°.

1        4. (withdrawn) The set of surgical instruments of claim 1, further comprising a guide  
2        wire configured to be inserted into the channel in the first instrument and to drill a passage  
3        from an anterior opening on the anterior surface of the patella to a posterior opening on the  
4        posterior surface of the patella, wherein the longitudinal axis of the passage through the  
5        patella is perpendicular to the posterior surface of the patella at the posterior opening.

1        5. (withdrawn) The set of surgical instruments of claim 4 wherein ~~the~~ an angle of  
2        intersection is in a range of approximately 80° to 100°.

1

2       6. (withdrawn) The set of surgical instruments of claim 4 wherein the an angle of  
3 intersection is approximately 90°.

1       7. (withdrawn) The set of surgical instruments of claim 4, further comprising a drill  
2 configured to be passed over the guide wire and into the anterior opening, and operable to  
3 enlarge the passage in the patella, from the anterior opening to the posterior opening.

1       8. (withdrawn) The set of surgical instruments of claim 7 further comprising a  
2 delivery instrument configured to deliver a cartilage graft into the passage in the patella,  
3 wherein the delivery instrument includes an interior channel that extends between an open  
4 distal end and an open proximal end, and a flange at the distal end, with the flange being  
5 configured to be inserted into the anterior opening to deliver the cartilage graft through the  
6 interior channel into the passage in the patella.

1       9. (withdrawn) The set of surgical instruments of claim 8 wherein the delivery  
2 instrument includes a window formed in a wall and open to the interior channel, whereby the  
3 cartilage graft can be observed through the window during delivery through the interior  
4 channel.

1       10. (withdrawn) The set of surgical instruments of claim 9, further comprising an  
2 insertion instrument configured to be inserted into the interior channel of the delivery  
3 instrument to advance the cartilage graft from the delivery instrument through the anterior  
4 opening in the patella into the passage in the patella.

1       11. (original) The set of surgical instruments of claim 1, wherein the first instrument  
2 comprises a director handle including the channel and a slot configured to receive the second  
3 instrument, and the second instrument comprises a guide that includes a foot configured to be  
4 flush with a posterior surface of the patella when the foot is pressed against the patella.

1

2

3

4           12. (original) The set of surgical instruments of claim 11, wherein the foot includes a  
5       lower surface and a generally flat upper surface opposite the lower surface and configured to  
6       be pressed against the posterior surface of the patella.

1           13. (original) The set of surgical instruments of claim 12, wherein the generally flat  
2       upper surface includes a central channel passing between an opening in the upper surface and  
3       an opening in the lower surface.

1           14. (original) The set of surgical instruments of claim 13, wherein the central  
2       channel has a diameter that is reduced from the upper surface to the lower surface.

1           15. (original) The set of surgical instruments of claim 13, wherein a longitudinal axis  
2       of the central channel is perpendicular to the generally flat upper surface of the foot.

1           16. (withdrawn) The set of surgical instruments of claim 11, further comprising a  
2       tube having an interior channel and configured to be inserted in the channel of the director  
3       handle and to receive a guide wire in the interior channel for drilling a hole in the patella.

1           17. (withdrawn) The set of surgical instruments of claim 11, further comprising a  
2       drill having an interior channel, wherein the interior channel is configured to be inserted over  
3       a guide wire to enlarge a hole drilled by the guide wire in the patella.

1           18. (withdrawn) The set of surgical instruments of claim 11, further comprising an  
2       offset tool comprising:

3            a handle having a distal end;  
4            a probe attached to the distal end and extending perpendicularly from a face of the  
5       handle; and  
6            a guide attached to the distal end, offset from the probe, and having an inner shaft  
7       with a longitudinal axis that is substantially parallel to the probe.

2

3        19. (withdrawn) The set of surgical instruments of claim 18, wherein the  
4        longitudinal axis of the guide is offset from a longitudinal axis of the probe by approximately  
5        0.1 to 0.3 inches.

1        20. (withdrawn) The set of surgical instruments of claim 11, further comprising:  
2            a chisel having a tip and a longitudinal shaft passing through the tip;  
3            a chisel guard having a shaft and a flanged end, wherein the shaft is configured to surround  
4            the chisel; and  
5            a tamp configured to be inserted into the longitudinal shaft of the chisel.

1        21. (withdrawn) The set of surgical instruments of claim 11, further comprising a  
2        tapered bone plug compressor, wherein the compressor includes a longitudinal shaft passing  
3        between a first opening and a second opening, and the diameter of the shaft increases from  
4        the second opening to the first opening.

1        22. (withdrawn) The set of surgical instruments of claim 11, wherein the distal foot  
2        is pivotably attached to the guide.

1        23. (withdrawn) The set of surgical instruments of claim 1, wherein the first  
2        instrument comprises a guide tube including the channel and a window that allows visual  
3        inspection of the channel; and  
4            the second instrument comprises a clamp body that includes an upper arm and a lower  
5        arm connected by an extension, wherein the upper arm includes a channel having a  
6        longitudinal axis and in which the guide tube is disposed, and the lower arm includes a foot  
7        having a channel aligned with the longitudinal axis of the channel of the guide tube and of  
8        the channel of the upper arm.

1        24. (withdrawn) The set of surgical instruments of claim 23, wherein the guide tube  
2        is threadably received in the channel in the upper arm.

1

2

3        25. (withdrawn) The set of surgical instruments of claim 23, wherein the upper arm  
4        is connected to the extension at a right angle and the lower arm is connected to the extension  
5        at a right angle.

1        26. (withdrawn) The set of surgical instruments of claim 23, wherein the upper arm  
2        is connected to the extension such that the upper arm and the lower arm are parallel.

1        27. (withdrawn) The set of surgical instruments of claim 23, wherein the foot has a  
2        flat upper surface configured to contact a bony surface.

1        28. (withdrawn) The set of surgical instruments of claim 23, wherein the foot is  
2        mounted to the lower arm in a fixed relationship.

1        29. (withdrawn) The set of surgical instruments of claim 23, wherein the foot is  
2        mounted to the lower arm in a pivotal relationship.

1        30. (withdrawn) The set of surgical instruments of claim 23, wherein the foot has a  
2        flat upper surface that is perpendicular to the longitudinal channel of the guide tube.

1        31. (withdrawn) The set of surgical instruments of claim 23, further comprising a  
2        drill guide configured to be inserted into the channel in the guide tube, wherein the drill  
3        guide includes a longitudinal channel.

1        32. (withdrawn) The set of surgical instruments of claim 31, further comprising a  
2        guide wire configured to be inserted into the longitudinal channel of the drill guide.

3

4        Claims 33-78 (cancelled).